

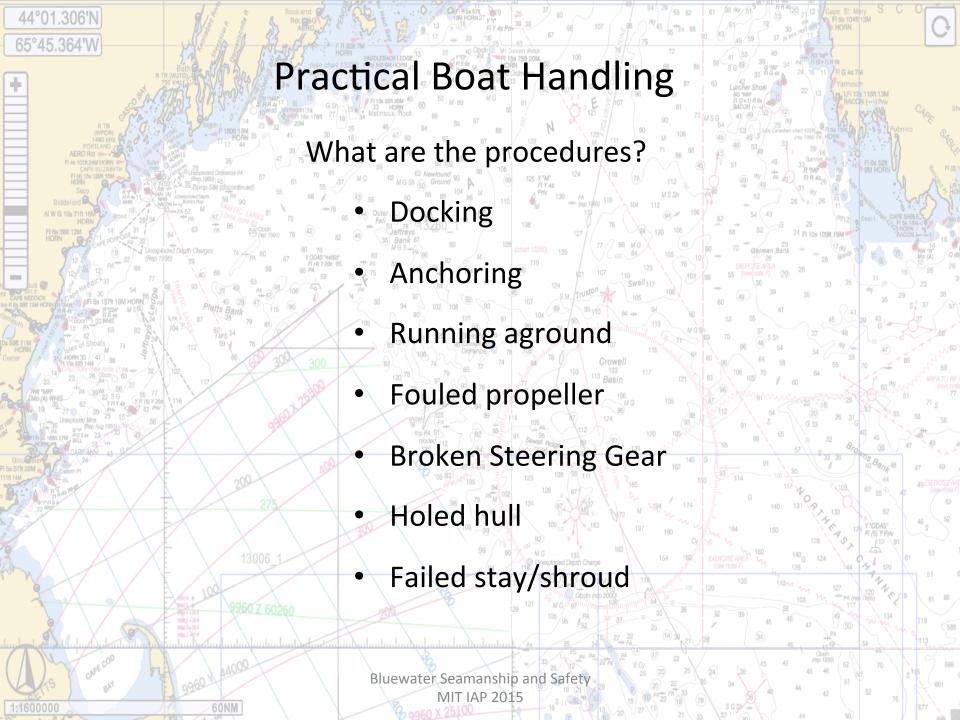
Practical Boat Handling

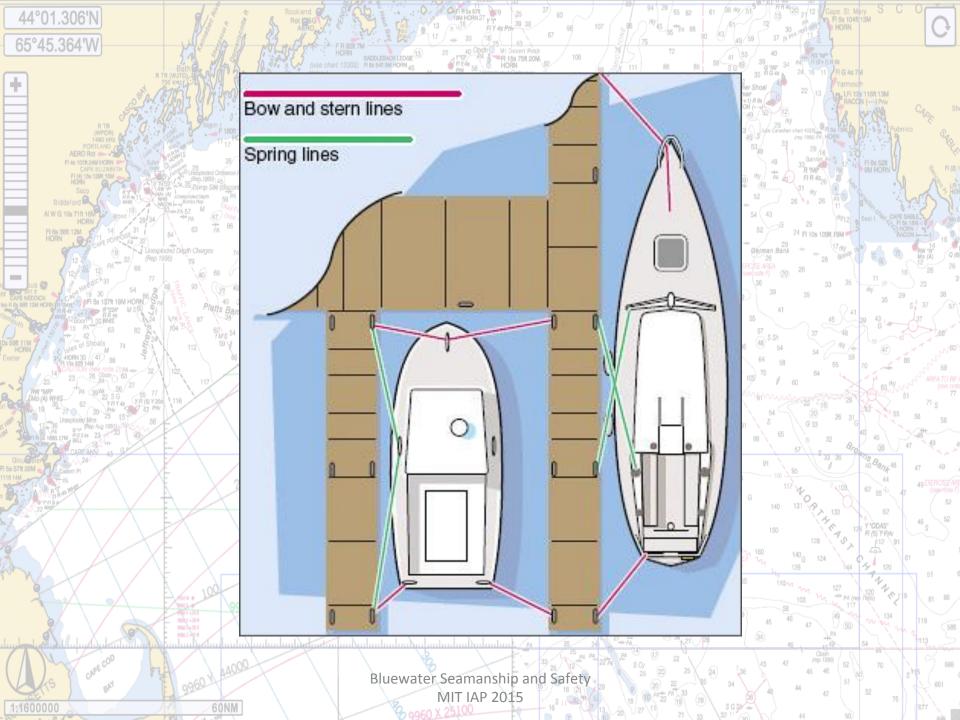
- Normal lights and sound signals
- Distress signals
- Radio
 - Calling procedure
 - Channels
 - Practice what to say, where to find data
 - Mayday / Pan Pan / Securite

Practical Boat Handling

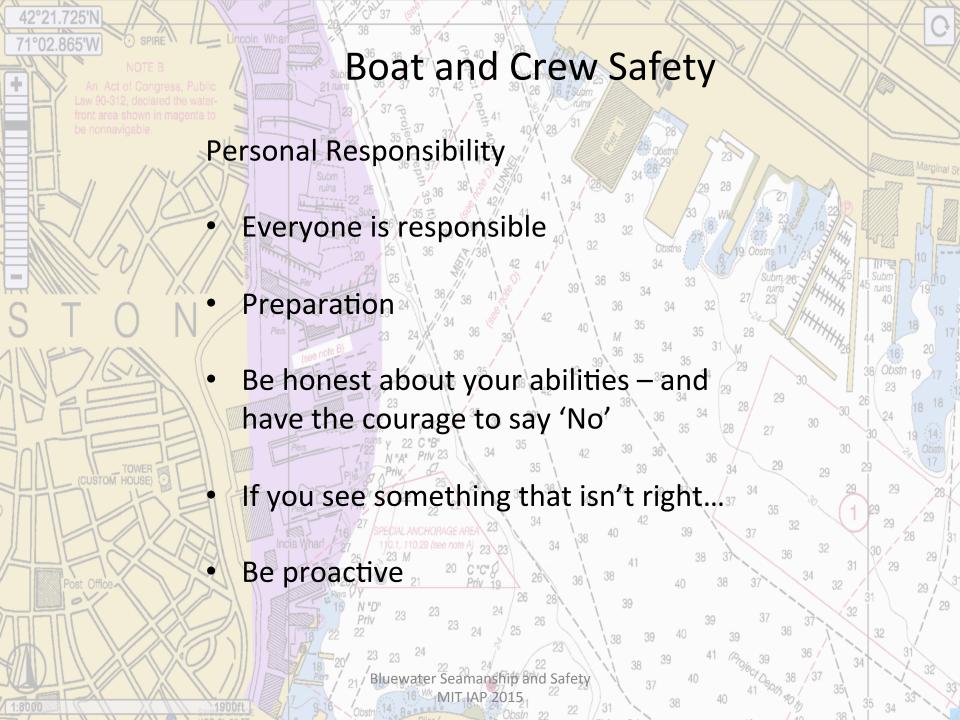
Pan Pan, Mayday, or Securite?

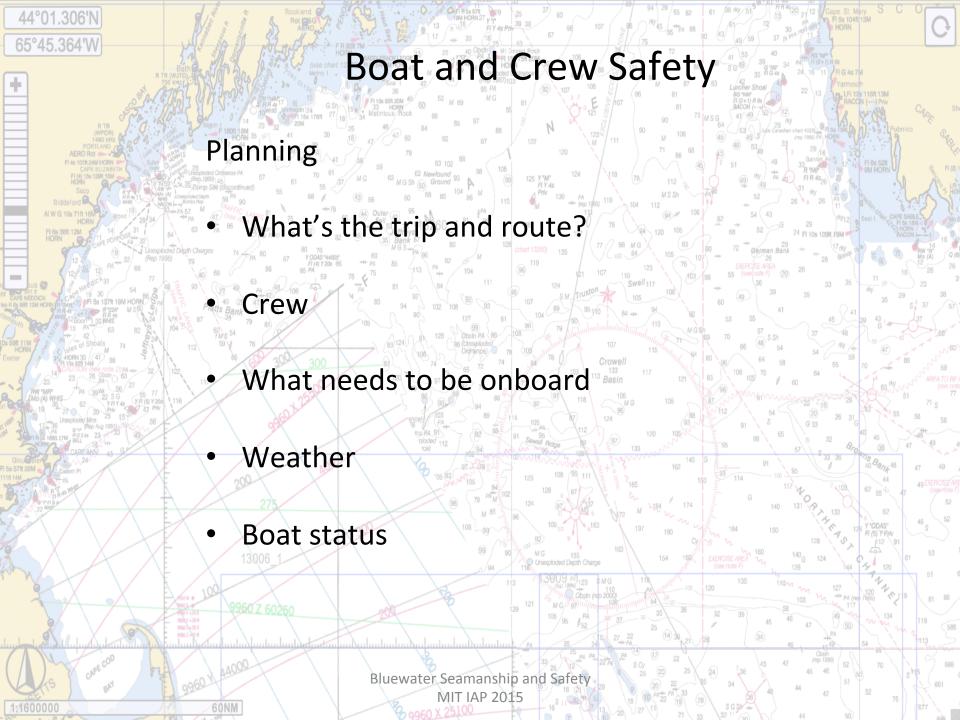
- You see a large floating log in the main ship channel that could be a hazard to small boats.
- You are offshore, and a passenger starts complaining of chest pains.
- In Boston Harbor, a thru-hull fails and the boat starts filling with water, near the capacity of the primary bilge pump.
- On a spinnaker reach, your unsecured whisker pole whips forward and whacks a crewmember in the head, who drops to the deck senseless.

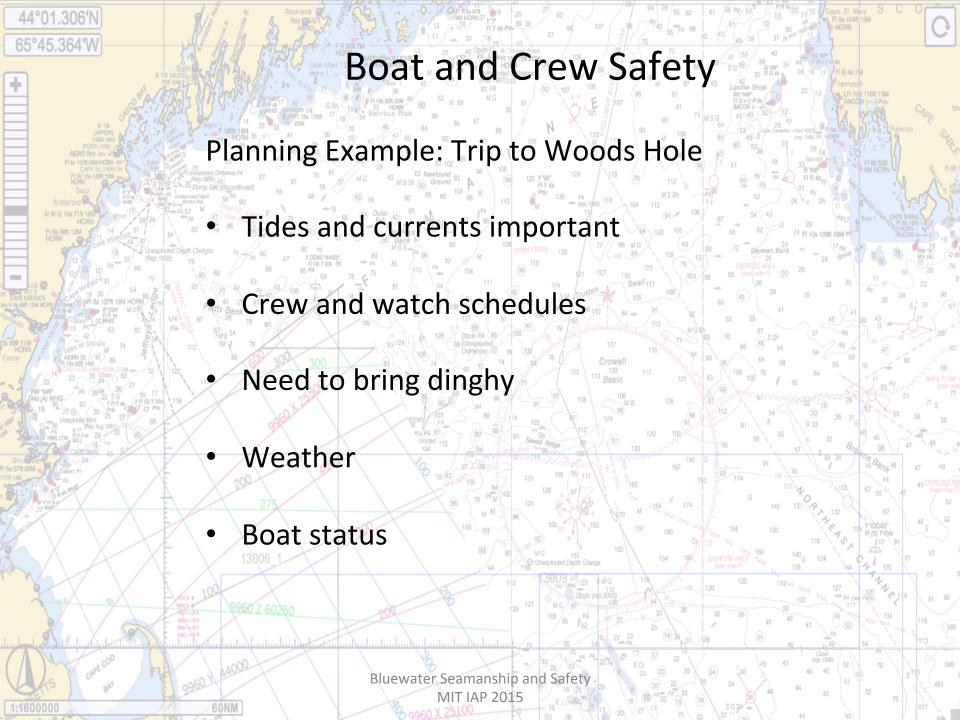


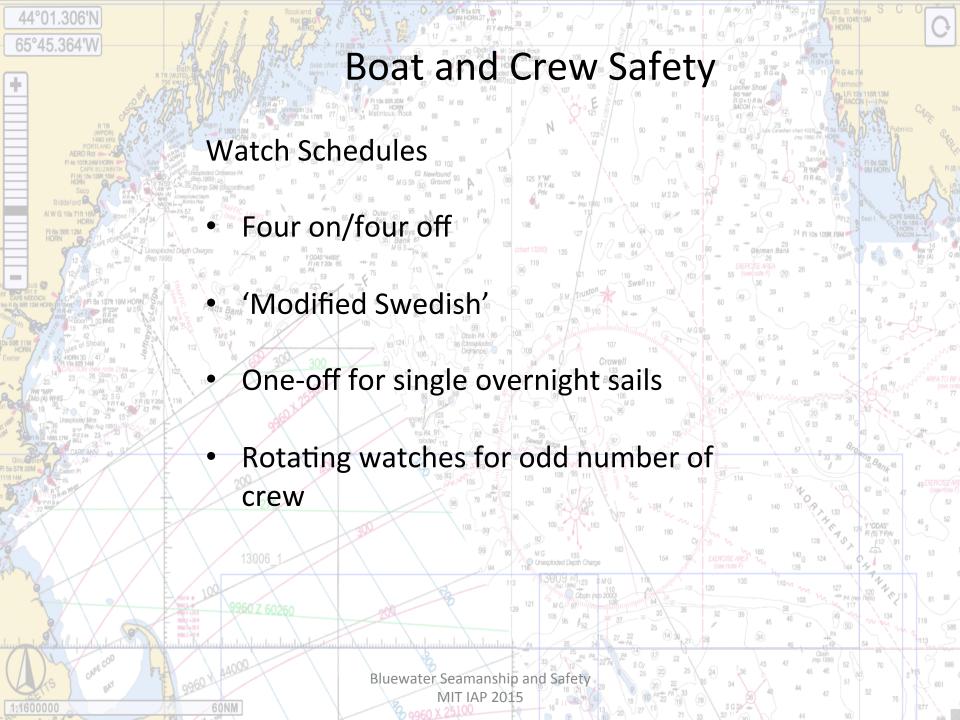


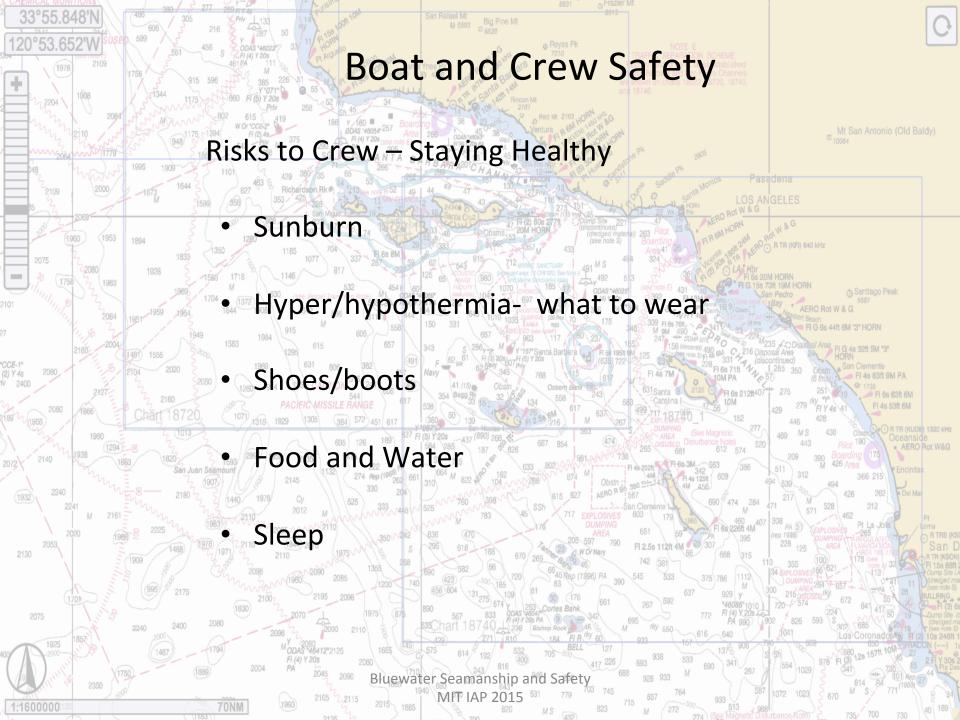


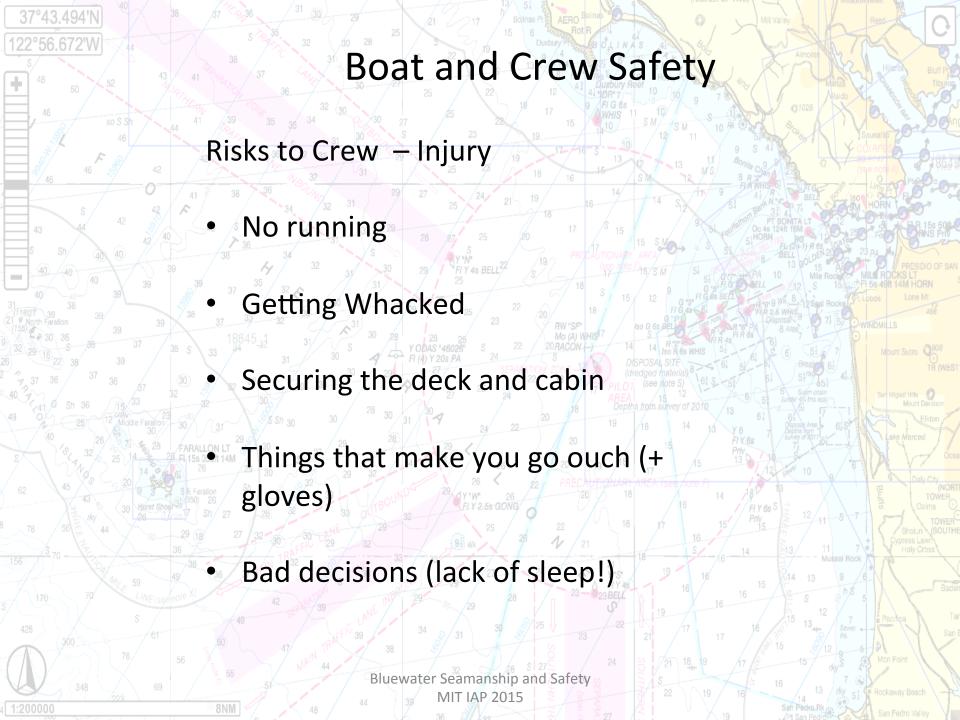


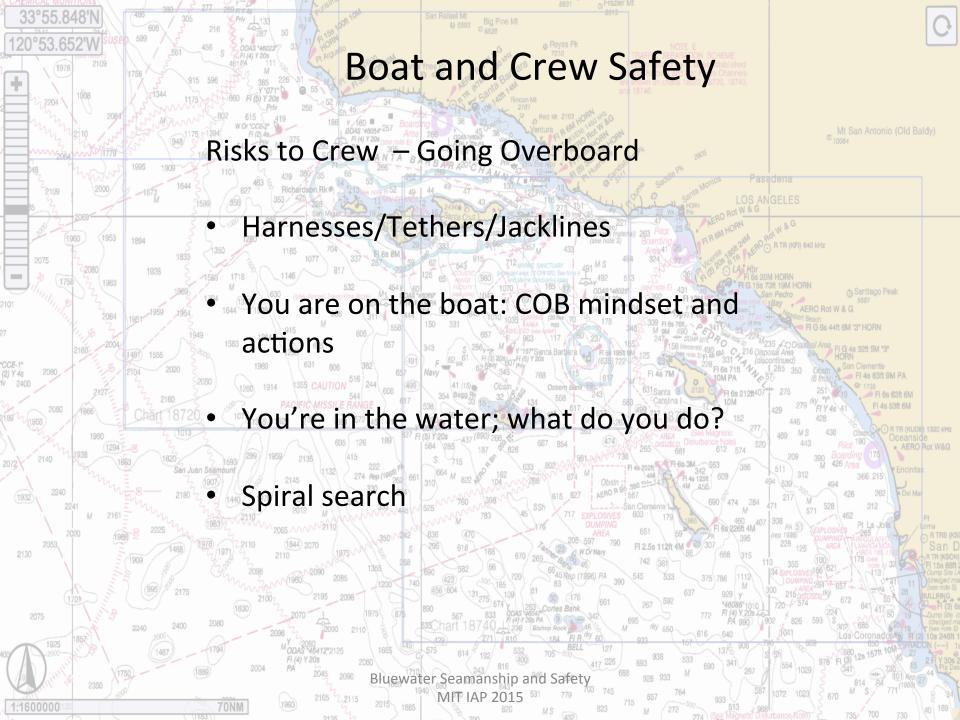


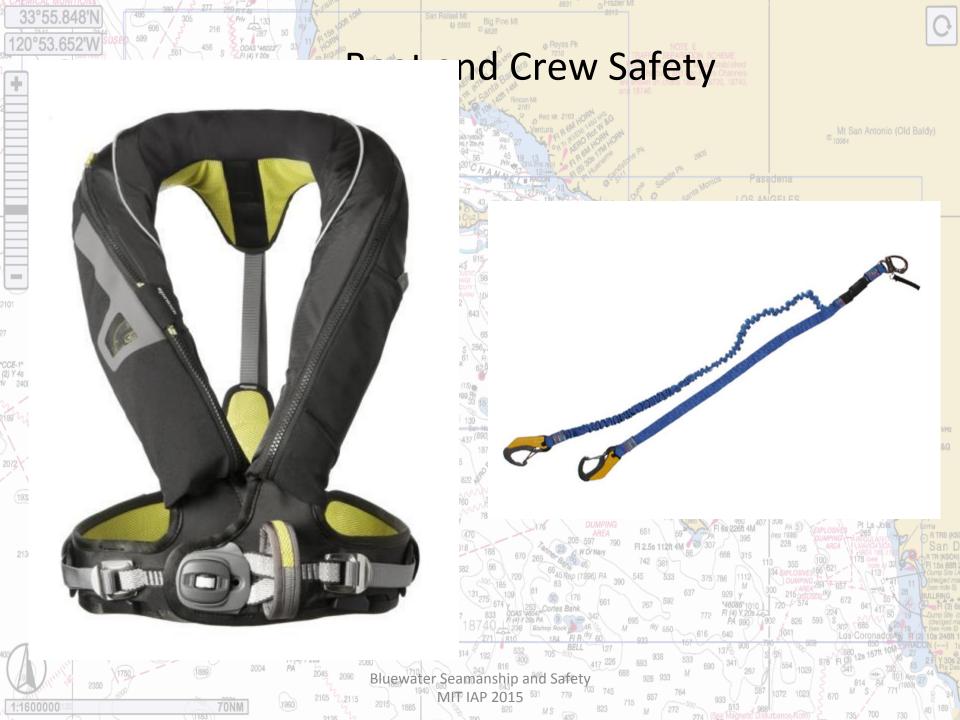


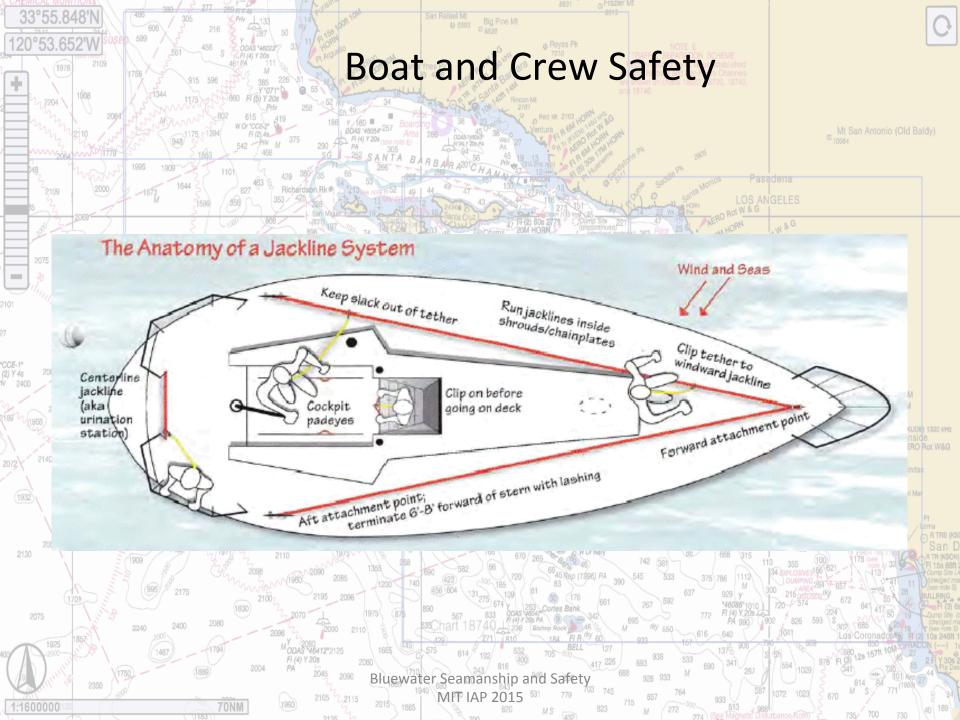


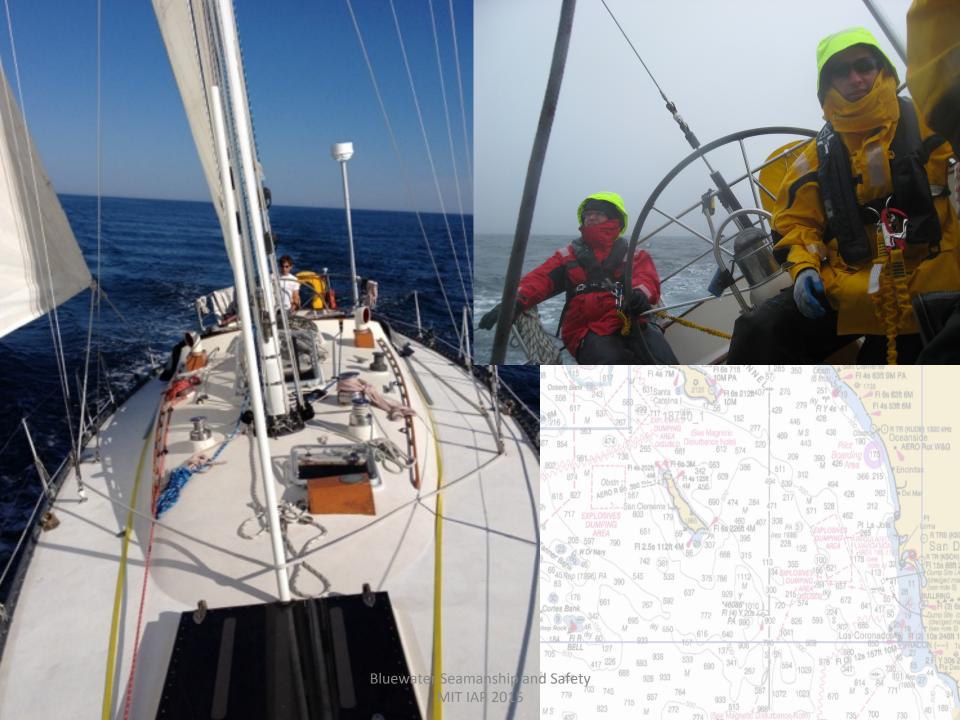


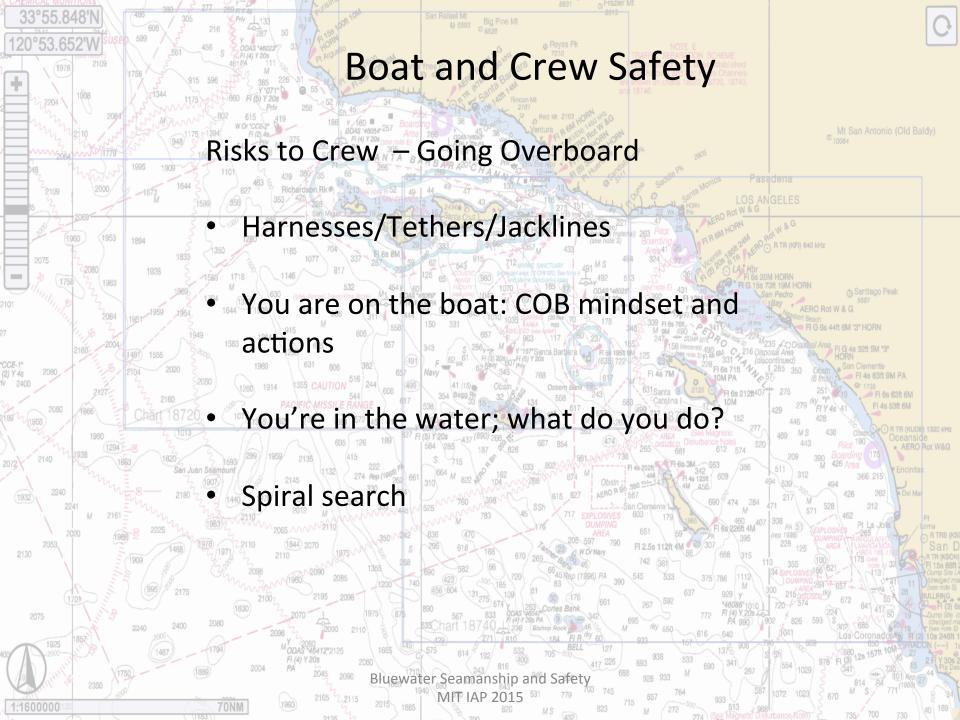












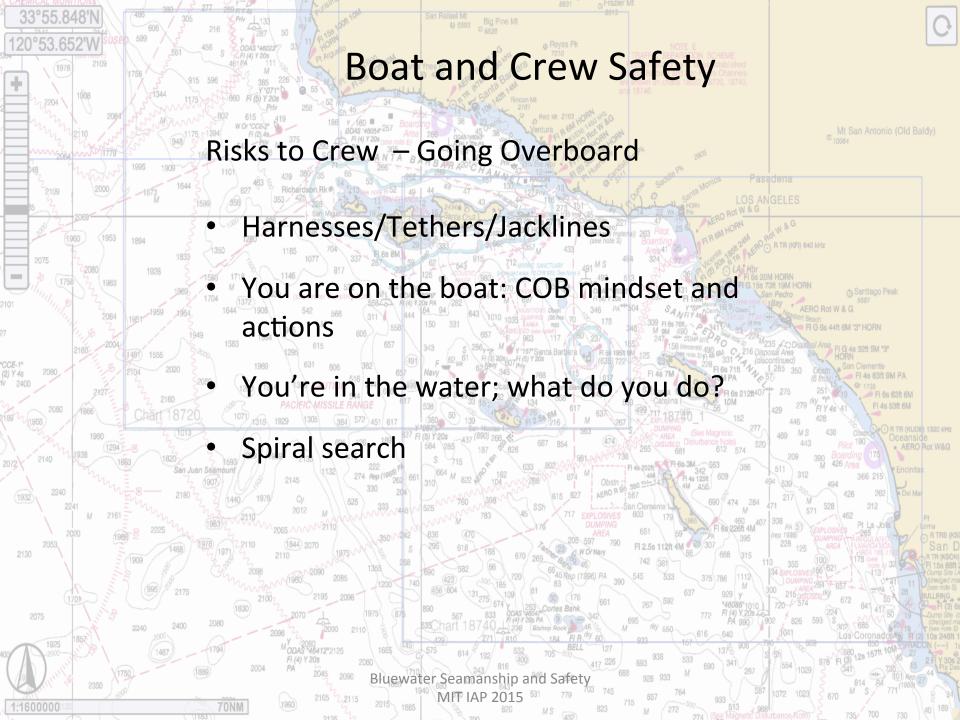
Crew Overboard Strategy

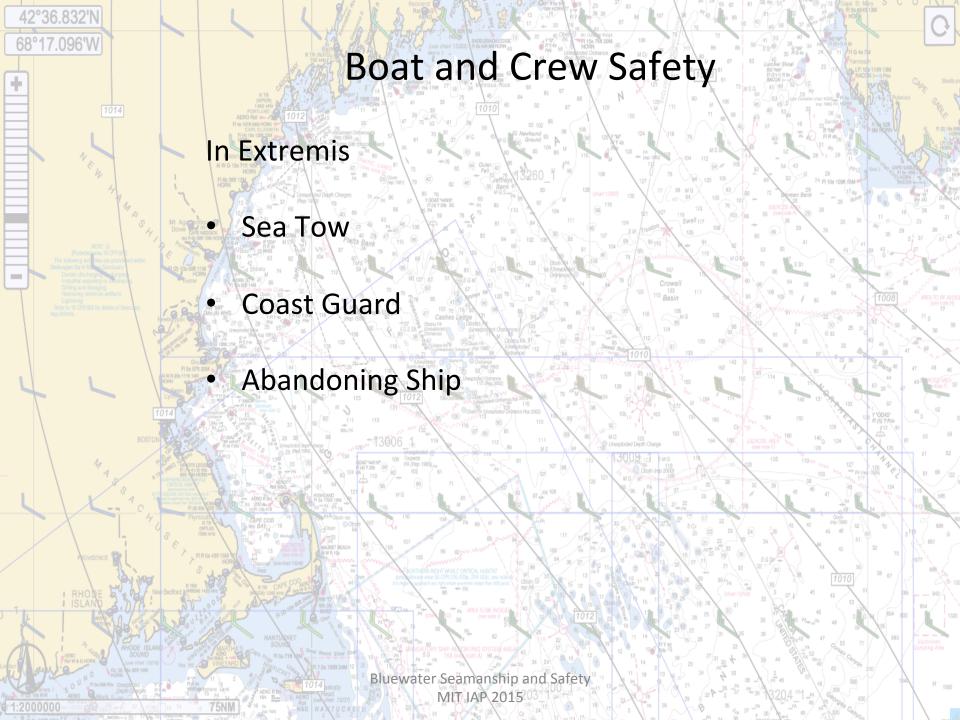
- 1. A clear chain of command
- 2. Mark the spot
- 3. Most important task: seeing the COB
- 4. Attaching the COB to the boat

Key tips:

- Furl the jib to control speed/reduce complexity
- No style points for rescue under sail; start the engine
- Only through periodic drills can you be prepared for the real event





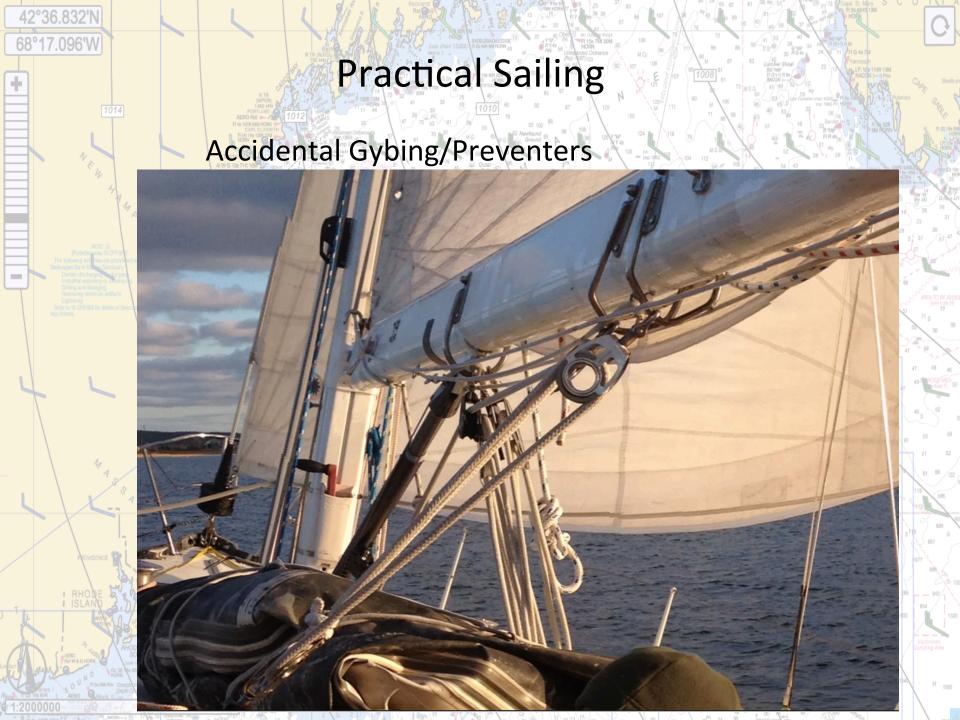














A Polar Example



BOAT SPEED AS A FUNCTION TRUE WIND VELOCITY & ANGLE

Yacht AUDACIOUS

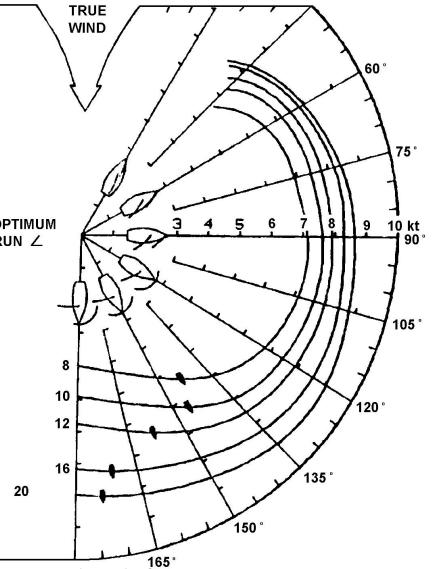
44 LOA NA-1 NAVY 44 **MASTHEAD SLOOP** 150% JIB, KEEL **Folding Exposed Prop**

WIND	OPTIMUM VMG BEAT	OPTIMUM VMG RUN	OP RU
VIIIVE	VIIIO DEAT	VIII O IXOIX	110
8 kt	4.375	143 °	
10 kt	5.241	146 °	
12 kt	6.008	158 °	
16 kt	7.246	171 °	
20 kt	8.040	174 °	
Notes:			
Boat - s	peed curves are	e	

five different true wind velocities as shown at right:

optimum run angle

Run: 5/20/87 8:49:12 Cert 19065 1987 USYRU Newport, RI Copyright



Bluewater Seamanship and Safety

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